Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 16 Aug 2021 until 23:59 on Tuesday 17 Aug 2021

Forecast Issued on Sunday 15 Aug 2021 at 14:33

Confidence: High for overall theme, moderate for location and intensity of rainfall.

Headline for Monday 16 Aug 2021: Sunny spells with the occasional shower.

Mountain weather hazards on Monday 16 Aug 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Dull	Dull	Cloudy	Sunny intervals	Sunny intervals	Light rain showers	Sunny intervals	Cloudy
Precipitation probability							
30%	30%	20%	10%	10%	40%	30%	20%

Forecast for Monday 16 Aug 2021

Weather: Broken low cloud across western slopes in the early hours of the morning, lifting and clearing around dawn to a bright morning. A windy day with fair weather cloud bubbling up from late morning bringing a low risk of showers during the afternoon, however plenty of sunny spells are still expected, particularly in the east. Into the evening, showers will fade away but cloud will gradually thicken and lower leading to an overcast night with rain and drizzle.

Chance of cloud free mountain/hill tops above 600m: 40% initially, becoming 90% early in the morning before deteriorating again overnight.

Visibility: Moderate to poor at first in the west, with cloud bases 500-600m. Generally good but reducing to moderate in afternoon showers.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 16 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/25 W	20/27 W	21/28 NW	19/26 NW	19/25 NW	18/25 NW	18/25 W	17/23 W	19/25 W
300	14/22 W	17/24 W	15/22 NW	15/21 NW	17/24 NW	18/26 NW	14/22 W	11/18 W	13/20 W
Valley	10/23 NW	11/23 NW	10/23 NW	10/20 NW	13/24 NW	14/26 NW	12/24 NW	9/20 W	9/19 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	9/5	8/4	10/6	11/8	12/8	11/7	10/6	10/6
300	12/9	11/8	11/8	12/9	14/11	14/11	14/11	12/10	12/10
Valley	12/10	12/10	12/10	13/11	15/13	15/13	14/12	13/11	13/11
Freezing Level*	1900m	2500m	2100m	1800m	1900m	2000m	2100m	2800m	3400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A bit murky at first, but quickly becoming a fine day. Sun protection may be required, despite feeling cool with the strong winds.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 15 Aug 2021	2mm	2mm	2mm

Forecast for Tuesday 17 Aug 2021

Weather: Widespread low cloud with rain and drizzle in the early hours, steadily improving during the morning as the cloud lifts and rain becomes light and intermittent, with the possibility of some sunny spells towards the end of the day.

Maximum wind: Westerly 25mph gusting 25-40mph.

Chance of cloud free mountain/hill tops above 600m: 20% increasing to 80% by midday

Visibility: Very poor at first with cloud base 300m, improving to good later in the day.

Temperature: **Valleys:** Plus 10 Celsius increasing to 17 Celsius.
At 600m: Plus 9 Celsius increasing to 13 Celsius
Freezing level: Above summits.

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